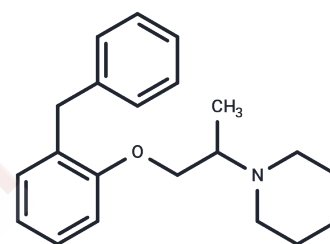


Benproperine

Chemical Properties

CAS No. :	2156-27-6
Formula:	C ₂₁ H ₂₇ NO
Molecular Weight:	309.45
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Benproperine is a bioactive molecule with antineoplastic properties.
Targets(IC50)	Neprilysin,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2315 mL	16.1577 mL	32.3154 mL
5 mM	0.6463 mL	3.2315 mL	6.4631 mL
10 mM	0.3232 mL	1.6158 mL	3.2315 mL
50 mM	0.0646 mL	0.3232 mL	0.6463 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Feng S, Liu J, Han X, Fan J. Resonance light scattering study on the interaction of benproperine phosphate with eriochrome blue black R in the presence of sodium dodecylbenzene sulphonate and its analytical application. *Luminescence*. 2009 Mar-Apr;24(2):67-72. doi: 10.1002/bio.1064. PubMed PMID: 18800357.
- Li Y, Zhong DF, Chen SW, Maeba I. Identification of some benproperine metabolites in humans and investigation of their antitussive effect. *Acta Pharmacol Sin*. 2005 Dec;26(12):1519-26. PubMed PMID: 16297353.
- Li Y, Sun Y, Dong Y, Zhang Y, Zhong D. Identification and quantitative determination of benproperine metabolites in human plasma and urine by liquid chromatography-tandem mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2006 Jan 2;830(1):71-80. Epub 2005 Nov 8. PubMed PMID: 16280263.
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